

Project Audit



Project:
VaporNodes

January 3, 2022



+

VaporNodes



Overview

This audit has been prepared for **VaporNodes** to review the main aspects of the project to help investors make make an informative decision in the research process.

You will find a a summarized review of the following main key point::

- Contract's source code
- Project and team
- Website
- Social media & online presence

Smart Contract Review

The contract review process pays special attention to the following:

- Testing the smart contracts against both common and uncommon vulnerabilities
- Assessing the codebase to ensure compliance with current best practices and industry standards.
- Ensuring contract logic meets the specifications and intentions of the client.
- Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- Thorough line-by-line manual review of the entire codebase by industry experts.



"The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal"
– SpyWolf Team

Smart Contract Summary

Contract Name	VaporNodes
Ticker	VPND
Contract	0x83a283641C6B4DF383BCDDf807193284C84c5342
Network	AVALANCHE
Language	Solidity
Tax	Liquidity Pool Fee: 10% Rewards Fee: 80% Team Pool Fee: 10% Cashout fee: 10%
Total Supply	1,000,000,000
Status	Launched

Current Stats

LP Address	0x4cd20f3e2894ed1a0f4668d953a98e689c647bfe
Liquidity (2.93)%	29,319,645 Locked

Featured Wallets

Owner Address	0xF69f9DbB10f76DD93f4023413DcC251633A1d62A
LP token address	0x4cd20f3e2894ed1a0f4668d953a98e689c647bfe
Reward Pool address	0x20b0013dcbb9697a8c3d0be2cfb004d6bd023b87
Team Pool	0xfb1b52cff7bec3be6bea9837ea8052d9333700dd a

Top 3 Unlocked Wallets

Wallet 1 (94.8%)	REWARD POOL (UNLOCKED) ⚠
Wallet 2 (2.93 %)	LIQUIDITY (LOCKED)
Wallet 3 (0.3%)	0xee90784d86322fa0d79b5f43a915851b4fa9f88e

Issues Checking Status	
Design Logic	Passed ✓
Compiler warnings.	Passed ✓
Private user data leaks	Passed ✓
Timestamp dependence	Passed ✓
Integer Overflow and Underflow	Passed ✓
Race conditions and Reentrancy. Cross-function race conditions	Passed ✓
Possible delays in data delivery	Passed ✓
Oracle calls	Passed ✓
Front running	Passed ✓
DoS with Revert	Passed ✓
DoS with block gas limit	Passed ✓
Methods execution permissions	Passed ✓
Economy model	Passed ✓
The impact of the exchange rate on the logic	Passed ✓
Malicious Event log	Passed ✓
Scoping and Declarations	Passed ✓
Uninitialized storage pointers	Passed ✓
Arithmetic accuracy	Passed ✓
Cross-function race conditions	Passed ✓
Safe Zeppelin module	Passed ✓
Fallback function security	Passed ✓

Security Threats

This function can be used for migrating, but Owner is able to mint tokens

```
function migrate(address[] memory addresses_, uint256[] memory balances_) external onlyOwner {
    for (uint256 i = 0; i < addresses_.length; i++) {
        _mint(addresses_[i], balances_[i]);
    }
}
```

This function can be used for migrating if necessary, but Owner can burn tokens for any address

```
function burn(address account, uint256 amount) external onlyOwner {
    _burn(account, amount);
}
```

Owner can change Team Pool Wallet

```
function updateTeamPool(address payable newVal) external onlyOwner {
    teamPool = newVal;
}
```

Owner can change Team Pool Wallet

```
function updateRewardsPool(address payable newVal) external onlyOwner {
    rewardsPool = newVal;
}
```

Security Threats

Owner can update Rewards Fee

```
function updateRewardsFee(uint256 newVal) external onlyOwner {  
    rewardsFee = newVal;  
    totalFees = rewardsFee.add(liquidityPoolFee).add(teamPoolFee);  
}
```

Owner can update Liquidity Fee

```
function updateLiquidityFee(uint256 newVal) external onlyOwner {  
    liquidityPoolFee = newVal;  
    totalFees = rewardsFee.add(liquidityPoolFee).add(teamPoolFee);  
}
```

Owner can update Team Pool Fee

```
function updateTeamFee(uint256 newVal) external onlyOwner {  
    teamPoolFee = newVal;  
    totalFees = rewardsFee.add(liquidityPoolFee).add(teamPoolFee);  
}
```

Owner can update Cashout Fee

```
function updateCashoutFee(uint256 newVal) external onlyOwner {  
    cashoutFee = newVal;  
}
```


VaporNodes Project & Team Review

According to her website:

"Our DeFi protocol gets you access to multi-chain DeFi protocols selected by our community using governance, to get the best yields while keeping risks low.

VaporNodes symbol is VPND and you can find us in CoinMarketCap and CoinGecko.

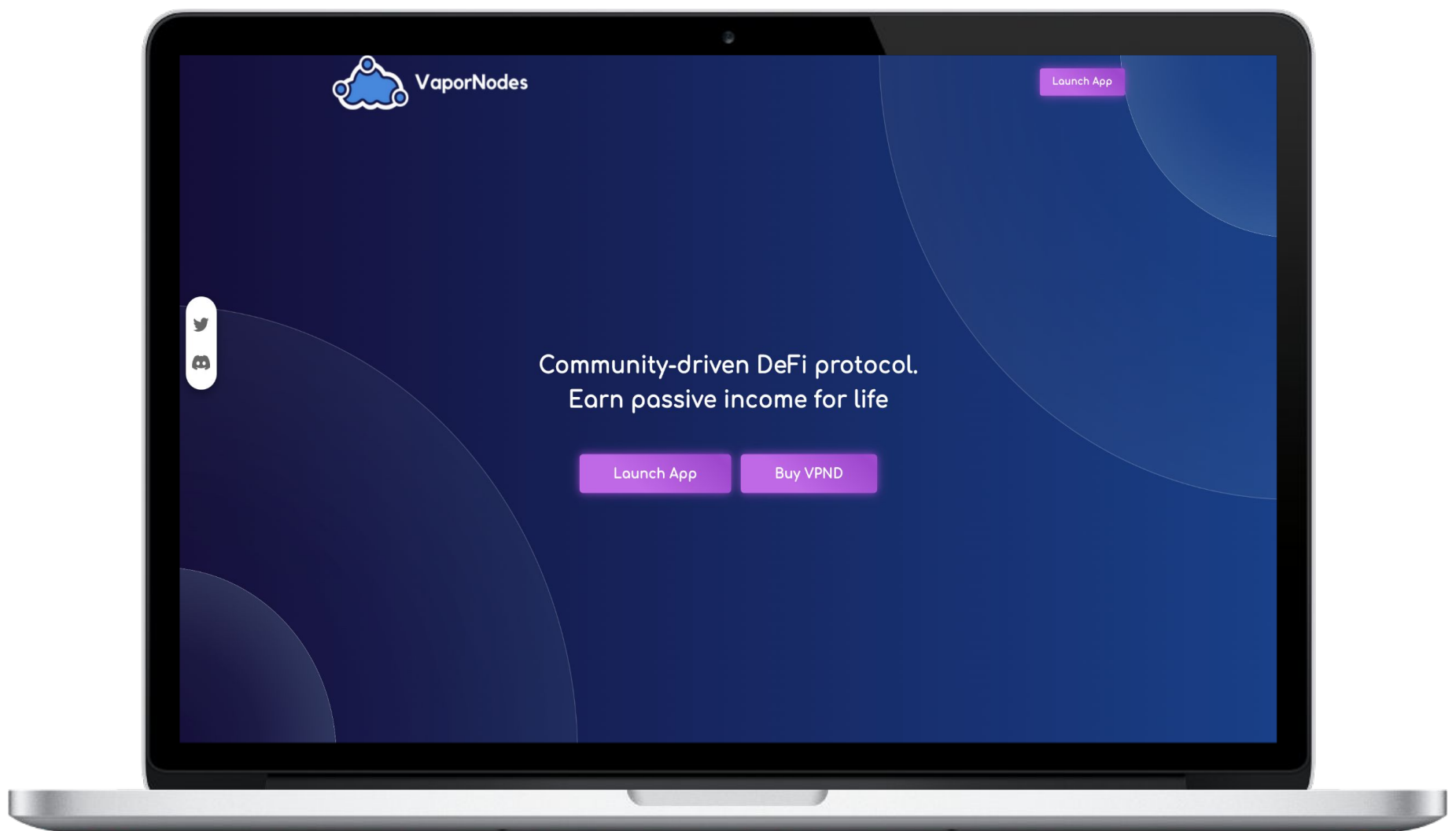
In order to make VaporNodes accessible for everyone, we have created a flexible node system. You can create your node from 1000 VPND and earn 1% daily ROI"

Team:

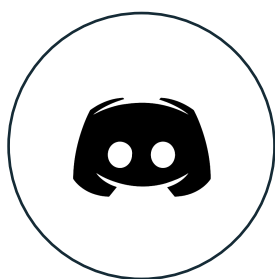
- No information from the team found

Website Analysis

- **Design:** Very nice color scheme and overall layout.
- **Content:** The information helps new investors understand what the product does right away. No grammar errors found.
- **Whitepaper:** Well written and informative.
- **Roadmap:** No roadmap found
- **Mobile-friendly?** Yes
- **Technical:** SSL certificate present. General SEO check passed.



Social Media & Online Presence



Discord

-
- 6,122 members
 - Active devs & mods



Twitter

twitter.com/

-
- 4,941 Followers
 - Very active



About SpyWolf

SpyWolf is a team of crypto security experts that have been performing full audits for projects for the past months in order to ensure safety on the crypto space. Our goal is to help eliminate monetary fraud through our auditing services and utility token, \$SPY.

- ▶ Website: SpyWolf.co
- ▶ Telegram: [@SpyWolfNetwork](https://t.me/SpyWolfNetwork)
- ▶ Twitter: [Twitter.com/SpyWolfNetwork](https://twitter.com/SpyWolfNetwork)



(Sample Certificate NFT for those who pass audit)

If you are interested in finding out more about our audits and Certificate of Trust NFTs, reach out to contact@spywolf.co.

Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.